

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in the **PATENT APPLICATION** of:

James A. Proctor, Jr.

Application No.: 10/634,148

Confirmation No.: 5101

Filed: August 4, 2003

For: FORWARD ERROR CORRECTION

SCHEME FOR HIGH RATE DATA

EXCHANGE IN A WIRELESS SYSTEM

Group: 2618

Examiner: Edan Orgad

Our File: TAN-2-1407.02.US

Date: April 10, 2007

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicant wishes to bring to the Examiner's attention the material cited on the enclosed Form PTO-1449.

The listed references include references previously cited in this application. Newly cited documents are indicated by an asterisk (*) on the enclosed Form PTO-1449.

Applicant: James A. Proctor, Jr. Application No.: 10/634,148

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the Form PTO-1449 indicating his consideration of the cited materials.

Respectfully submitted,

James A. Proctor, Jr.

Joseph P. Gushue

Registration No. 59,819

(215) 568-6400

Volpe and Koenig, P.C. United Plaza, Suite 1600 30 South 17th Street Philadelphia, PA 19103

JPG/ci Enclosures FORM PTO-1449

APR 1 3 2007

U.S. DEPARTMENT OF COMMERCE

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. TAN-2-1407.02.US

SERIAL NO. 10/634,148

APPLICANT James A. Proctor Jr.

FILING DATE August 4, 2003

GROUP 2618

			U.S. PATENT	DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	*	4,460,992	07/17/84	Gutleber			
	*	4,625,308	11/25/86	Kim, et al.			
	*	4,862,453	08/29/89	West, et al.			
	*	4,866,709	09/12/89	West, et al.			
	*	5,027,348	6/25/91	Curry, et al.			
	*	5,103,459	04/07/92	Gilhousen, eta 1.			
	*	5,115,309	05/19/92	Hang			
		5,373,502	12/13/94	Turban			
	*	5,394,473	02/28/95	Davidson			
		5,442,625	08/15/95	Gitlin et al.			
	*	5,487,072	01/23/96	Kant			
	*	5,559,788	09/24/96	Zscheile, Jr. et al.			
	*	5,559,790	09/24/96	Yano et al.			
	*	5,602,834	02/11/97	Dean et al.			
1	*	5,606,574	02/25/97	Hasegawa, et al.			
	*	5,663,958	09/02/97	Ward			
		5,663,990	09/02/97	Bolgiano et al.			
		5,673,259	09/30/97	Quick, Jr.			
	*	5,699,364	12/16/97	Sato, et al.			
	*	5,699,369	12/16/97	Guha			
		5,734,646	03/31/98	I et al.			
	*	5,777,990	07/07/98	Zehavi, et al.			
	*	5,781,542	07/14/98	Tanaka, et al.			
		5,784,406	07/21/98	DeJaco et al.			
		5,790,551	08/04/98	Chan			

EXAMINER	DATE CONSIDERED	

	FORM PTO-1449		ATTY. DOCKET NO. TAN-2-1407.02.US	SERIAL NO. 10/634,148
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLIC James A. P	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			FILING DATE August 4, 2003	GROUP 2618
(Use	e several sheets if necessary)			
*	5,805,567	09/08/98	Ramesh	
*	5,825,807	10/20/98	Kumar	
	5,828,659	10/27/98	Teder et al.	
	5,828,662	10/27/98	Jalali et al.	
	5,844,894	12/01/98	Dent	
	5,856,971	01/05/99	Gitlin et al.	
	5,859,840	01/12/99	Tiedemann, Jr. et al.	
	5,910,945	06/08/99	Garrison et al.	
	5,914,950	06/22/99	Tiedemann, Jr. et al.	
*	5,917,852	06/29/99	Butterfield et al.	-
	5,923,650	07/13/99	Chen et al.	
	5,930,230	07/27/99	Odenwalder, et al.	
	5,950,131	09/07/99	Vilmur	
	5,991,279	11/23/99	Haugli et al.	
	6,005,855	12/21/99	Zehavi et al.	
	6,028,868	02/22/00	Yeung et al.	
	6,064,678	05/16/00	Sindhushayana et al.	
	6,069,883	05/30/00	Ejzak et al.	
	6,078,572	06/20/00	Tanno et al.	
	6,104,708	08/15/00	Bergamo	
	6,088,335	07/11/00	I et al.	
	6,112,092	08/29/00	Benveniste	
	6,134,233	10/17/00	Kay	
	6,157,619	12/05/00	Ozluturk et al.	
	6,161,013	12/12/00	Anderson et al.	
	6,196,362	02/27/01	Darcie et al.	
	6,208,871	03/27/01	Hall et al.	
	6,215,798	04/10/01	Carneheim et al.	
	EXAMINER		DATE CONS	SIDERED

	GROUP 2618
Ohlson et al. Petch et al. Sekine et al. Leung et al. Masui et al. Lomp et al.	
Petch et al. Sekine et al. Leung et al. Masui et al. Lomp et al.	
Petch et al. Sekine et al. Leung et al. Masui et al. Lomp et al.	
Sekine et al. Leung et al. Masui et al. Lomp et al.	
Leung et al. Masui et al. Lomp et al.	
Masui et al. Lomp et al.	
Lomp et al.	
Chuch	
Gnuan	
Wheatleyl, III et al.	
Bhagalia	
Ozluturk	
Lundh et al.	
Chuah	
Rezaiifar et al.	
Jou	
Odenwalder	
Kumar et al.	
Lomp	
Chuah	
Benveniste	
Östberg et al.	
Dillion	
Dahlman et al.	
Anderson et al.	
Stellakis	
Chuah	
Masui et al.	
Dillion	
	Lundh et al. Chuah Rezaiifar et al. Jou Odenwalder Kumar et al. Lomp Chuah Benveniste Östberg et al. Dillion Dahlman et al. Anderson et al. Stellakis Chuah Masui et al.

							· ugo	4010
FORM PTO-1449			ATTY. DOCKET NO. TAN-2-1407.02.US					
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT James A. Proctor Jr.					
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			FILING DATE August 4, 2003		GROU- 2618	P	
_	(Us	e several sheets if necessary)		.	<u> </u>		,-	
	г		Ţ.			T		
		6,597,913	07/22/03	Natarajan				
	*	6,614,776	09/02/03	Proctor				
	*	6,885,652	04/26/05	Ozukturk et al.				
	*	6,940,840	09/06/05	Ozluturk et al.				
	*	6,973,601	12/06/05	Sabet et al.				
FOREIGN PATENT D			ENT DOCUMENTS					
EXAMINER					TRANSLATION			
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	*	0443061	02/21/90	EP			Х	
	*	0635949	07/18/94 ·	EP			Х	
	*	0827312	08/07/97	EP				
	*	2266389	04/02/74	FR			Х	
	*	2761557	03/28/97	FR			Х	
	*	95/08900	03/30/95	WO				
	*	96/13914	05/06/96	WO				
	*	98/43373	10/01/98	WO			Х	
	*	98/59447	12/30/98	WO				
	*	99/14878	03/25/99	WO				
	*	99/39472	08/05/99	WO				
	*	99/44341	09/02/99	WO				
	*	00/52831	09/08/00	WO				
	*	00/65764	11/02/00	WO				
		EVANINES		DATE CO	NSIDERE	:D		
I		EXAMINER		DATEC	NACIDEDE			

FORM PTO-1449	ATTY. DOCKET NO. SERIAL NO. TAN-2-1407.02.US 10/634,148		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	APPLICANT James A. Proctor Jr.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE August 4, 2003	GROUP 2618	
(Use several sheets if necessary)			

	OTHER DOCUMENTS					
EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)					
	Chih-Lin I et al., Multi-Code CDMA Wireless Personal Communications Networks, June 18, 2005					
	Chih-Lin I et al., IS-95 Enhancements for Multimedia Services, Bell Labs Technical Journal, Pages 60-87, Autumn 1996					
	Chih-Lin I et al., Performance of Multi-Code CDMA Wireless Personal Communications Networks, Ju 1995					
	Liu et al., Channel Access and Interference Issues in Multi-Code DS-CDMA Wireless Packet (ATM) Networks 2, Pages 173-196, 1996					
	Chih-Lin I et al., Load and Interference Based Demand Assignment (LIDA) for Integrated Services in CDMA Wireless Systems, November 18, 1996, Pages 235-241					
	Budka et al., Cellular Digital Packet Data Networks, Bell Labs Technical Journal, Summer 1997, Pages 164-181					
	Cellular Digital Packet Data, System Specification, Release 1.1 January 19, 1995					
	Data Standard, Packet Data Section, PN-3676.5 (to be published as TIA/EIA/IS-DATA.5), December 8, 1996, Version 02 (Content Revision 03)					
	Data Service Options for Wideband Spread Spectrum Systems: Introduction, PN-3676. 1 (to be published as TIA/EIA/IS-707.1), March 20, 1997 (Content Revision 1).					
	Packet Data service Option Standard for Wideband Spread Spectrum Systems, TIA/EIA Interim Standard, TIA/EIA/IS-657, July 1996					
	Mobile Station -Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System, TIA Interim Standard, TIA/EIA/IS-95-A (Addendum to TIA/EIA/IS-95), May 1995					

EXAMINER	DATE CONSIDERED

FORM PTO-1449	ATTY. DOCKET NO. SERIAL NO. TAN-2-1407.02.US 10/634,148		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	APPLICANT James A. Proctor Jr.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE August 4, 2003	GROUP 2618	
(Use several sheets if necessary)			

s, TIA/EIA
Division
3GGP2
3GGP2
EEE
ns, IEEE 649-653
edings of
cations
elected
Electrical
ion 0.1,
6, 1997

EXAMINER	DATE CONSIDERED		

FORM PTO-1449	ATTY. DOCKET NO. SERIAL NO. 10/634,148		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	APPLICANT James A. Proctor Jr.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE August 4, 2003	GROUP 2618	
(Use several sheets if necessary)			

Kumar et al., An Acess Scheme for High Speed Packet Data Service on IS-95 based CDMA, February 11, 1997
Ejzak et al., Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, April 14, 1997
Lucent Technologies Presentation First Slide Titled, Summary of Multi-Channel Signaling Protocol, April 6, 1997
Lucent Technologies Presentation First Slide Titled, Why Support Symmetric HSD (Phase 1C), February 21, 1997
Kryzmien et al., Rapid Acquisition Algorithms for Synchronization of Bursty Transmissions in CDMA Microcellular and Personal Wireless Systems, IEEE Journal on Selected Areas in Communications, Vol. 14, No. 3, April 1996, Pages 570-579
Chih-Lin I et al., Variable Spreading Gain CDMA with Adaptive Control for True Packet Switching Wireless Network, 1995, Pages 725-730
Skinner et al., Performance of Reverse-Link Packet Transmission in Mobile Cellular CDMA Networks, IEEE, 2001, Pages 1019-1023
Lau et al., A Channel-State-Dependent Bandwidth Allocation scheme for Integrated Isochronous and Bursty Media Data in a Cellular Mobile Information System, IEEE, 2000, Pages 524-528
Elhakeem, Congestion Control in Signaling Free Hybrid ATM/CDMA Satellite Network, IEEE, 1995, Pages 783-787
Chung, Packet Synchronization and Identification for Incremental Redundancy Transmission in FH-CDMA Systems, 1992, IEEE, Pages 292-295
High Data Rate (HDR), cdmaOne optimized for high speed, high capacity data, Wireless Infrastructure, Qualcomm, September 1998
Viterbi, The Path to Next Generation Services with CDMA Qualcomm Incorporated, 1998 CDMA Americas Congress, Los Angeles, California, November 19, 1998
TS-25.211 V2.0. (1999-04) 3GPP, TSG, RAN, WG1 Physical channels and mapping of transport channels onto physical

EXAMINER	DATE CONSIDERED

FORM PTO-1449	ATTY. DOCKET NO. TAN-2-1407.02.US	SERIAL NO. 10/634,148
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	APPLICANT James A. Proctor Jr.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE August 4, 2003	GROUP 2618
(Use several sheets if necessary)		

		TS 25.212 V1.0.0 (1999-04) 3GPP, TSG, RAN, WG1 Multiplexing and channel coding.
		TS 25.213 V2-0.0 (1999-4) 3GPP, TSG, RAN, WG1 Spreading and modulation. (FDD)
	*	Author Unknown, "North American Cellular System Based On Code Division Multiple Access." Pp. 203-254.
	*	Lin, S., et al., "Automatic-Repeat-Request Error-Control Schemes," IEEE Communications Magazine, 22 (12): pp. 5-17 (December 1984).
	*	Hagenauer, J., "Rate-Compatible Puncture Convolutional Codes (RCPC Codes) and their Applications," IEEE Transactions on Communications, 36 (4): pp. 389-400 (April, 1988).
	*	Shacham, N., "A Selective-Repeat-ARQ Protocol for Parallel Channels and Its Resequencing Analysis," IEEE Transactions on Communications, 40 (4): pp. 773-782 (April, 1992)
	*	Wang, B.C., et al, "Spread Spectrum Multiple-Access with DPSK Modulation and Diversity for Image Transmission over Indoor Radio Multipath Fading Channels," IEEE Transactions on Circuits and Systems for Video Technology, 6 (2): 200-214 (1996).
]	*	Goodman, David J., "Wireless Personal Communications Systems," (1997).
	*	Bell Labs Technical Journal, Lucent Technologies, Volume 2, Number 3, Summer 1997
	*	Pulleston, PPP Protocol Spoofing Control Protocol, Global Village Communication (UK) LTD., February 1996
	L	I

EXAMINER	DATE CONSIDERED